FORM PTO-1449 (MODIFIED)
LIST OF PATENTS AND

**PUBLICATIONS** 

FOR APPLICANTS INFORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.

SERIAL NO.

SP01-070

09/821,927 OUP: 7764

APPLICANT Liu et al.

FILING DATE March 30, 2001

U.S. PATENT DOCUMENTS REFERENCE DESIGNATION

KELEKE	NCLD	ESIGNATION		.b. I MILITI DOCOM	ELIVE		<del>/-)</del>
Examiner Initial		Document Number	Date	Name	Class	Sub- Class	Film Date if Approp.
TIN	AA	3,489,809	1/1970	Keith et al.	260/677	<u> </u>	
TW	AB	3,885,977	5/1975	Lachman et al.	106/062		
TH	AC	4,163,750	8/1979	Bird et al.	260/409		
TN	AD	4,529,718	7/1985	Dupin	502/439		
TH	AE	4,552,748	11/1985	Berglin et al.	423/588		
11	AF	5,063,043	11/1991	Bengtsson	423/588		
117	AG	5,278,123	1/1994	Chopin et al.	502/200		
,ı.'	AH	6,005,143	12/1999	Machado et al.	564/423		
	AI			·			
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub- Class	Trans Yes	lation No_
TN	AL	GB 1 216 456	12/1970	Great Britain	C07C			
77	AM	GB 963 941	7/1964	Great Britain	B01J			
TN	AN	EP 319 208	6/1989	Europe	C07C			
14	AO	EP 384 905	2/1989	Europe	C01B			
TN	AP	EP 667 807	11/1994	Europe	B01J			
Th	AQ	EP 885 273	12/1996	Europe	C10G			X

OTHER ART (Including Author Title Date Pertinent Pages, etc.)

<b>.</b> .		OTHER ART (including Author, Title, Date, Fertilient Fages, etc.)
TN	AR	P.G. Menon, M.F.M. Zwinkels, E.M. Johansson, and S.G. Järäs in "Monolithic Honeycombs in Industrial Catalysis", <i>Kinetics and Catalysis</i> , 39(5), 615-624 (1998).
TO	AS	A. Cybulski and J.A. Moulijn, "Monoliths in Heterogeneous Catalysis", <i>Catal. RevSci. Eng.</i> , 36(2), 179-270 (1994).
TH	AT	H. A. Smits et al., "Selective Three-Phase Hydrogenation Of Unsaturated Hydrocarbons In A Monolithic Reactor", <i>Chemical Engineering Science</i> , 51(11), 3019-3025 (1996).
4/	AU	K. G. Knudsen et al., "Catalytic and Process Technologies for Ultra Low Sulfur Diesel", <u>Applied</u> Catalysis A: General, 189 (1999), 205-215.
	AV	S. Irandoust and O. Gahne, "Competitive Hydrodesulfurization and Hydrogenation in a Monolithic Reactor", <i>AIChE Journal</i> , 36 (5), pp 746-752 (1990).
TN	AW	A. Stankiewicz, "Process intensification in in-line monolithic reactor", <u>Chemical Engineering Science</u> , 56 (2001), 359-364.
TH	AX	A. Cybulski et al., "Monolithic Reactors for Fine Chemicals Industries: A Comparative Analysis of a Monolithic Reactor and a Mechanically Agitated Slurry Reactor", <i>Chemical Engineering Science</i> , 54 (1999) 2351-2358.

**EXAMINER:** 

DATE CONSIDERED:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (MODIFIED)			ATTORNEY DOCKET NO.		SERIAL NO.			
LIST OF PATENTS AND				00/004 007				
PUBLICATIONS				SP01-070	09/82	09/821,927		
		ANTS INFORMAT		APPLICANT Liu et al.			1	
DI	SCLOS	URE STATEMENT	E 3	FU DIC DATE Manual 20 C	0001	GROUP: 1	76100	
		or 0 4 3	2001 =	FILING DATE March 30, 2	2001	GROUP: I	1/64%	
DEFEDE	NICE D	1 00.	2001	U.S. PATENT DOCUMENT	C		0 03	
KEFERE	INCE D	ESIGNATION		U.S. PATENT DOCUMENT	<u> </u>		Plin Date	
Examiner Initial		Document Number	Date	Name	Clas	s Sub- Class	if App.	
	AA						<u> </u>	
	AB							
	AC							
	AD							
	AE				<u> </u>			
	AF						<del> </del>	
	AG							
	AH				-		<del></del>	
	AI							
	AJ				-			
	AK							
	<b>.</b>	F(	OREIGN	PATENT DOCUMENTS				
		Document Number Date Country Class				Sub- Class	Translation Yes No	
	AL							
	AM							
	AN							
	AO							
	AP							
	AQ						ļ.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
		OTHER ART (I	ncluding	Author, Title, Date, Pertinent	Pages,	etc.)		
N	AR	R. K. Edvinsson et al.	., "A comp	parison between the monolithic react			actor for	
	AS	liquid-phase hydrogenations", <u>Catalysis Today</u> 24 (1995), 173-179  V. Regaini and C. Tine, "Upflow Reactor For The Selective Hydrogenation Of Pyrolysis Gasoline – A						
70	AS	Comparative Study W	ith Respe	ct To Downflow", Appl. Catal., 10 (	(1984), <u>4</u> 3	3-51.		
77	AT	A. A. Klinghoffer et al., "Catalytic Wet Oxidation Of Acetic Acid Using Platinum On Alumina Monolith Catalyst", <i>Catalysis Today</i> , 40 (1998) 59-71.						
TN	AU	V. Hatziantoniou et al., "Mass Transfer And Selectivity In Liquid-Phase Hydrogenation Of Nitro-Compounds In A Monolithic Catalyst Reactor With Segmented Gas-Liquid Flow", <i>Ind. Eng. Chem.</i>						
	AV	Process Des. Dev., 25 (1986), 964-970.  D.S. Soni and B.L. Crynes, "A Comparison of the Hydrodesulfurization and Hydrodenitrogenation Activities of Monolith Alumina Impregnated with Cobalt and Molybdenum and a Commercial Catalyst", ACS Symp. Ser., 156 (1981), 156-207.						
TN	AW	R. K. Edvinsson et al. Eng. Chem. Res., 34 (	., "Liquid-	Phase Hydrogenation of Acetylene i	n a Mono	olithic Catalyst	Reactor", <u>Ind.</u>	
EXAMINE		Land	1 what.	DATE or not citation is in conformance		DERED:	9/03/02	

citation if not in conformance and not considered. Include copy of this form with next communication to applicant.